

## 50-389 INFEED/OUTFEED TABLES

### ASSEMBLY INSTRUCTIONS FOR MOUNTING TO 31-250 DRUM SANDER WITH SERIAL #01E31623 AND HIGHER WITH TABLE MOUNTING PLATE.

**⚠ WARNING:** Disconnect tool from power source.

**NOTE:** The following instructions illustrate the assembly of the supplied 11" wide table boards. Table boards may extend to a maximum of 20" long to provide more support.

#### CARTON CONTENTS (Fig. 1)

- 1 Tables (2) #406130110001
- 2 Support Arm (4) #406131090001
- 3 Support Bracket (2) #406130890002
- 4 Carriage Head Screw (12) #901110231497
- 5 Flange Nut (20) #902011331529
- 6 Bushing (8) #424021040016
- 7 Hex Head Screw (8) #901010600626
- 8 Wood Screw (12) #9012504311791
- 9 Angle Bracket (4) #406131290002
- 10 Roll Pin (4) #905010102718
11. Flat Head Screw (4) 901030308013
12. Hex Nut (4) 902015031514

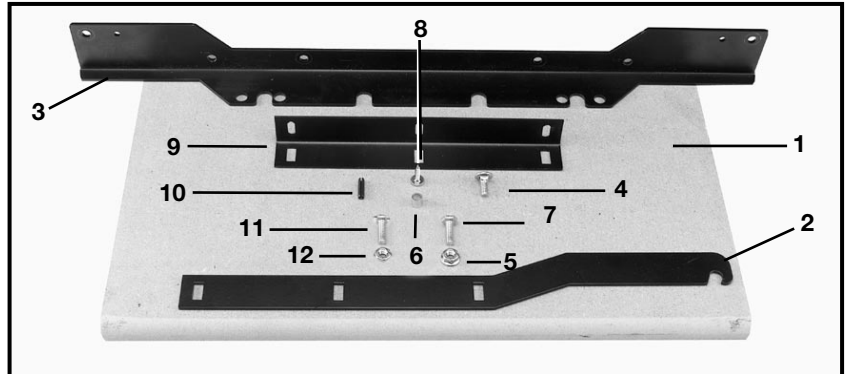


Fig. 1

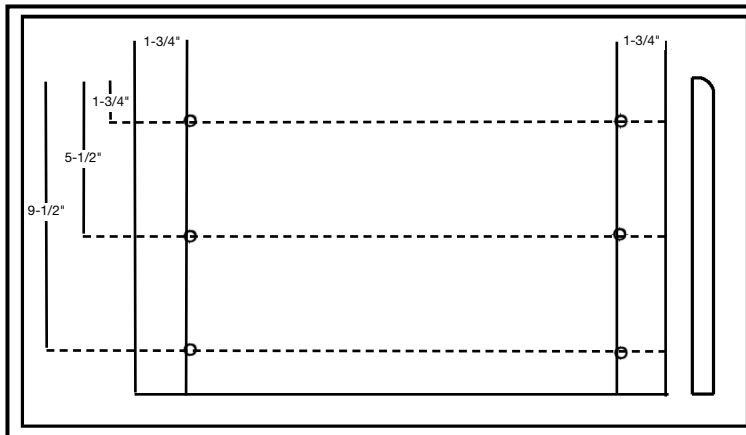


Fig. 2

Drum Sanders with Serial Numbers of 01E 31623 and higher have a cast iron table that is mounted to a solid steel plate. Follow these instructions for mounting the Infeed/Outfeed table to these sanders.

1. The table boards will require drilling six (6) 1/8" diameter x 3/8" deep holes in the bottom of the each board at the locations illustrated in Fig. 2 and shown as (E) Fig. 3.
2. Position the angle brackets (A) Fig. 3 on the table board (B) and over drilled holes. Place the rounded slots (C) against the board, over the holes. Fasten the angle brackets in place using six wood screws (D). Fasten the other angle brackets to the other table board in the same manner. **NOTE: Do not tighten screws all the way, because of further adjustments later.**
3. Loosely attach the support arm (B) Fig. 4 to the outside of the angle bracket (A) using three (3) 5/8" carriage head screws (C), and flange nuts (D). Attach the other support arm in the same manner. Repeat steps 2 and 3 to assemble other table board.
4. Install and center the four (4) roll pins (A) Fig. 5 in each support bracket. Install eight 3/4" hex head screws (B) Fig. 5 with bushings (C) and flange nuts (D) on the inside.

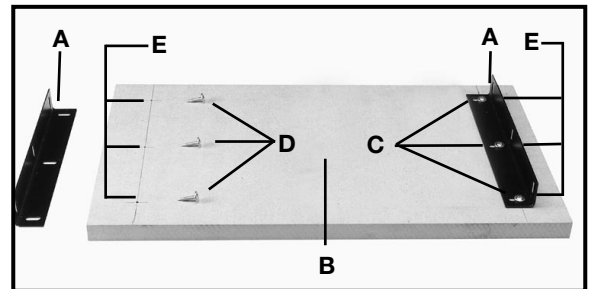


Fig. 3

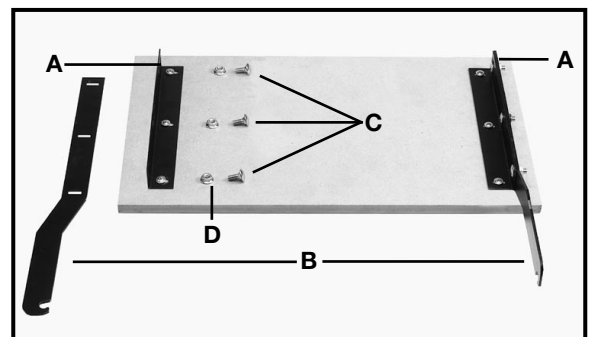


Fig. 4

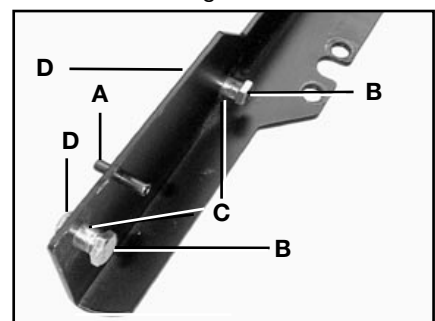


Fig. 5

5. Unplug the DC motor electrical quick connection. Remove the four screws, washers, and nuts (A) Fig. 6 which secure the sanding table (B) to the mounting plate (C). Remove the sanding table.
6. Install the support brackets (A) Fig. 7 to the underneath side of the plate (B) Fig. 7, using four 1/4-20 flat head screws (C) Fig. 7. Secure with flanged hex nuts.
7. Reinstall the sanding table removed in **STEP 5**.
8. Install the table assembly (A) Fig. 8 by positioning the support arms (B) over the screws (C) and aligning slots (D) in support arms (B) with screws (E). Hook in place (Fig. 9). Install the other table in the same manner.
9. Adjust the angle brackets that were not completely tightened in Instruction #2 (A) Fig. 3, until the support arms (A) Fig. 9 fit against the support brackets (B) Fig. 9. Tighten the six (6) wood screws that attach the angle brackets to the table board. Repeat for the other table board.
10. Place a level (or straight edge) (A) Fig. 10 across the sanding table (B) and over front support table (C) to determine if they are level with each other. To adjust, loosen the six (6) adjusting nuts (D) Fig. 10 (three of which are shown) on the support table (C) Fig. 10. Adjust the table until it is level with the sanding surface (B) and tighten nuts (D) Fig. 10. Repeat for the other support table. Tighten all mounting hardware. **NOTE: Support table must be level or slightly below the sanding surface, but it MUST NOT be higher.**
11. The support tables can be stored by hooking the end of the support brackets (A) Fig. 11 onto the studs (B).

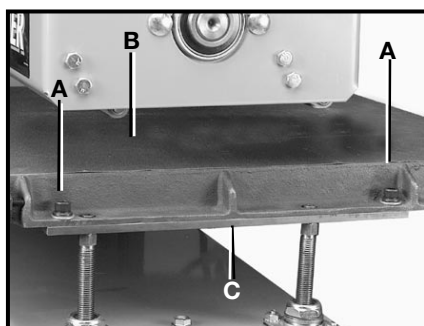


Fig. 6

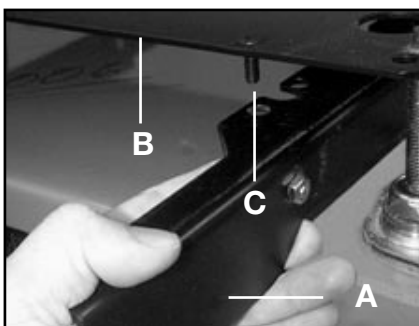


Fig. 7

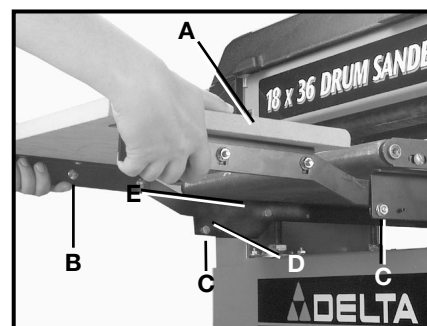


Fig. 8

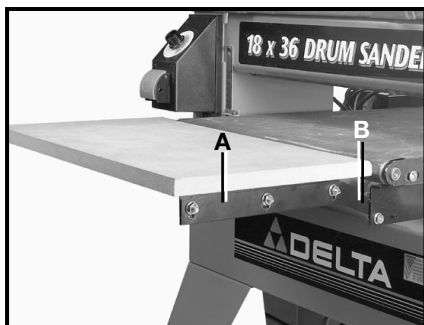


Fig. 9

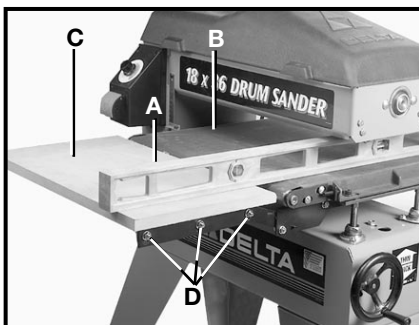


Fig. 10

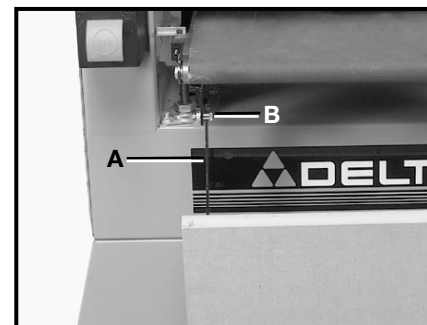


Fig. 11

# MOUNTING INSTRUCTIONS FOR INFEED/OUTFEED TABLES FOR 31-250 DRUM SANDERS WITH SERIAL NUMBERS LOWER THAN 01E31623



**WARNING:** Disconnect tool from power source.

**NOTE:** The following instructions illustrate the assembly of the supplied 11" wide table boards. Table boards may extend to a maximum of 20" long to provide more support.

## CARTON CONTENTS (Fig. 1)

- 1 Tables (2) #406130110001
- 2 Support Arm (4) #406131090001
- 3 Support Bracket (2) #406130890002
- 4 Carriage Head Screw (12) #901110231497
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- 7 Hex Head Screw (8) #901010600626
- 8 Wood Screw (12) #9012504311791
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- 10 Roll Pin (4) #905010102718
- 11 Flat Head Screw (4) 901030308013
- 12 Hex Nut (4) 902015031514

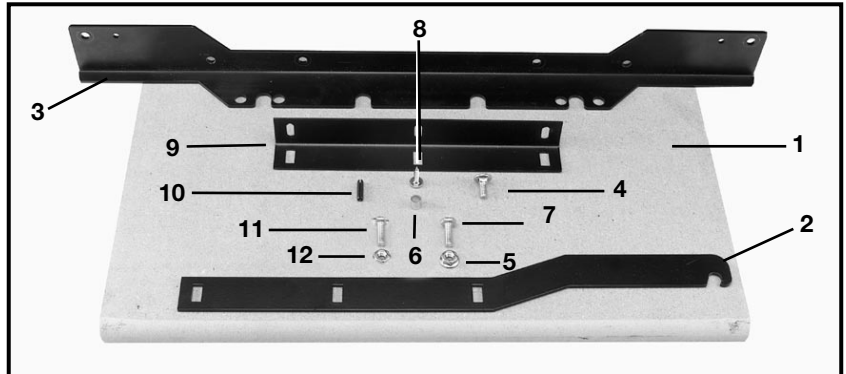


Fig. 1

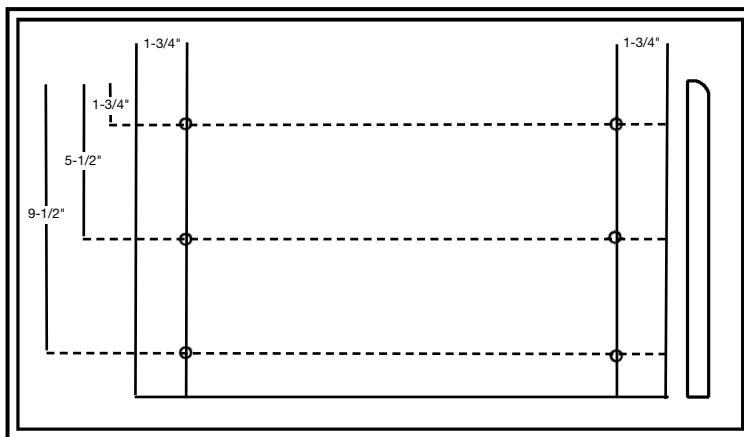


Fig. 2

Drum Sanders with Serial Numbers of 01E 31623 and lower have a table that is mounted to two steel bars. Follow these instructions for mounting the Infeed/Outfeed table to these sanders.

1. The table boards will require drilling six (6) 3/8" diameter x 3/8" deep holes in the bottom of the each board at the locations illustrated in Fig. 2 and shown as (E) Fig. 3.
2. Position the angle brackets (A) Fig. 3 on the table board (B) and over drilled holes. Place the rounded slots (C) against the board, over the holes. Fasten the angle brackets in place using six wood screws (D). Fasten the other angle brackets to the other table board in the same manner. **NOTE: Do not tighten screws all the way, because of further adjustments later.**
3. Loosely attach the support arm (B) Fig. 4 to the outside of the angle bracket (A) using three (3) 5/8" carriage head screws (C), and flange nuts (D). Attach the other support arm in the same manner. Repeat steps 2 and 3 to assemble other table board.
4. Install and center the four (4) roll pins (A) Fig. 5A in each support bracket. Install eight 3/4" hex head screws (B) Fig. 5A with bushings (C) Fig. 5B and flange nuts (D) Fig. 5B on the inside.

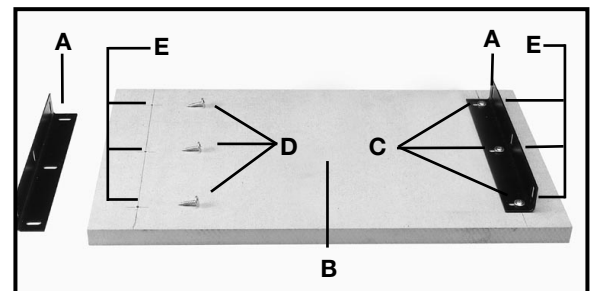


Fig. 3

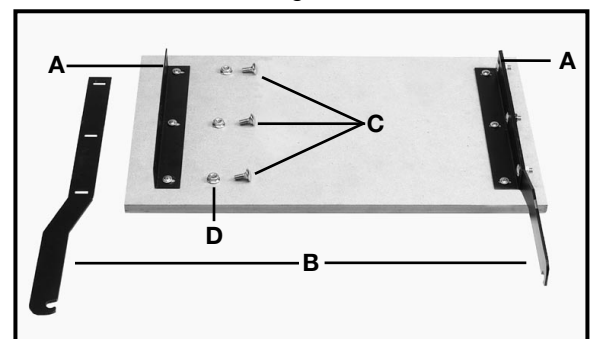


Fig. 4

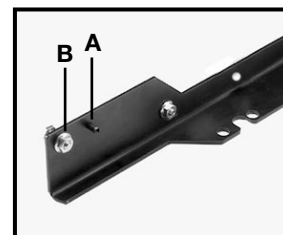


Fig. 5A

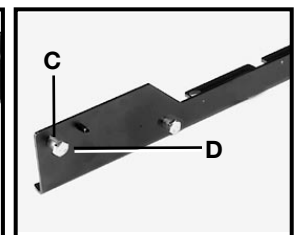


Fig. 5B

5. Remove the two (2) screws, lock washers, (and flat washers if your unit has them) (A) Fig. 6, which secure sanding table (B) to table mounts (C). **IMPORTANT: Loosen, but do not remove the two (2) screws which secure other side of table.**
6. Lift sanding table (B) Fig. 7A, and position support bracket (A) between sanding table (B) and table mounts (C). Pull it to the outside as far as it will go. **IMPORTANT: Slots (D) Figs. 7A and 7B should fit around the top of the screws (E) Fig. 7A.** Reinstall the two screws and lockwashers loosely, (if your tool has flat washers here, discard them) then repeat the installation for the other side. Once the support brackets are in place, and all screws are attached, tighten all four screws.
7. Install the table assembly (A) Fig. 8 by positioning the support arms (B) over the screws (C) and aligning slots (D) in support arms (B) with screws (E). Hook in place (Fig. 9). Install the other table in the same manner.
8. Adjust the angle brackets that were not completely tightened in Instruction #2 (A) Fig. 3, until the support arms (A) Fig. 9 fit against the support brackets (B) Fig. 9. Tighten the six (6) wood screws that attach the angle brackets to the table board. Repeat for the other table board.
9. Place a level (or straight edge) (A) Fig. 10 across the sanding table (B) and over front support table (C) to determine if they are level with each other. To adjust, loosen the six (6) adjusting nuts (D) Fig. 10 (three of which are shown) on the support table (C) Fig. 10. Adjust the table until it is level with the sanding surface (B) and tighten nuts (D) Fig. 10. Repeat for the other support table. Tighten all mounting hardware. **NOTE: Support table must be level or slightly below the sanding surface, but it MUST NOT be higher.**
10. The support tables can be stored by hooking the end of the support brackets (A) onto the studs (B).
11. Set the thickness scale according to the manual.

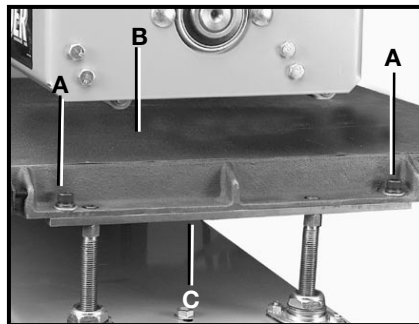


Fig. 6

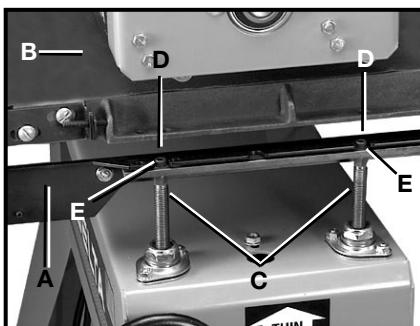


Fig. 7A

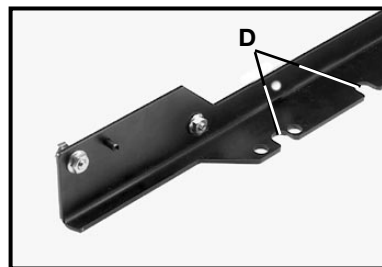


Fig. 7B

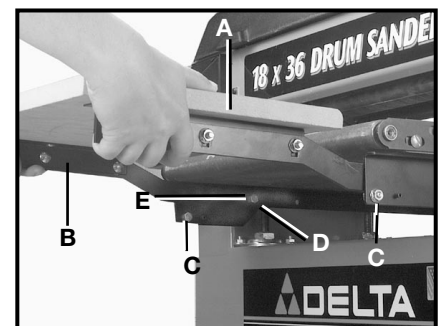


Fig. 8



Fig. 9

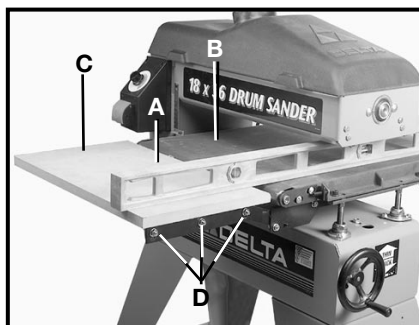


Fig. 10

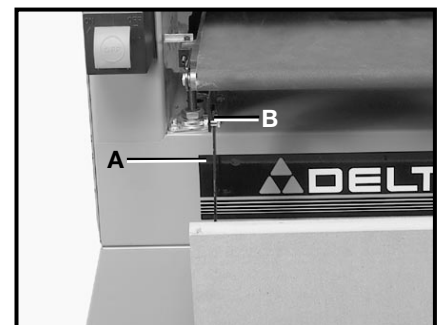


Fig. 11